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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	Unassigned
		Filing Date	August 3, 2001
		First Named Inventor	Masaharu NODA et al.
		Group Art Unit	Unassigned 1632
		Examiner Name	Unassigned
Sheet	1	of	3
		Attorney Docket Number	31671-173164

11000 U.S. PTO
 09/20053
 08/03/01

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TNT	A1 ✓	NODA et al., "Existence of Distinct Sodium Channel Messenger RNAs in Rat Brain", Nature, Vol. 320:188-192, (1986)	
TNT	A2 ✓	KAYANO et al., "Primary Structure Of Rat Brain Sodium Channel III Deduced From The cDNA Sequence", Federation of European Biochemical Societies, Vol. 228(1):187-194, (1988)	
TNT	A3 ✓	SONTHEIMER et al., "Voltage-Gated Na ⁺ Channels In Glia: Properties And Possible Functions", TINS, Elsevier Science Ltd., Vol. 19(8):325-331, (1996)	
TNT	A4 ✓	REESE et al., "Immunocytochemical Localization of NaCh6 In Cultured Spinal Cord Astrocytes", GLIA, Wiley-Liss, Inc., Vol. 26:92-96, (1999)	
TNT	A5 ✓	GAUTRON et al., "The glial Voltage-Gated Sodium Channel: Cell- And Tissue-Specific MRNA Expression", Proc. Natl. Acad. Sci., USA, Neurobiology, Vol. 89:7272-7276, (1992)	
TNT	A6 ✓	GEORGE, JR. et al., "Molecular Cloning Of An Atypical Voltage-Gated Sodium Channel Expressed In Human Heart And Uterus: Evidence For A Distinct Gene Family", Proc. Natl. Acad. Sci., USA, Physiology, Vol. 89:4893-4897, (1992)	
DUPLICATE	A7 ✓	FELIPE et al., "Primary Structure And Differential Expression During Development And Pregnancy Of A Novel Voltage-Gated Sodium Channel In The Mouse", The Journal of Biological Chemistry, The American Society For Biochemistry And Molecular Biology, Inc., Vol. 269(48):30125-30131, (1994)	
DUPLICATE	A8 ✓	AKOPIAN et al., "Structure And Distribution Of A Broadly Expressed Atypical Sodium Channel", FEBS Letters, Federation of European Biochemical Societies, Vol. 400:183-187, (1997)	
TNT	A9 ✓	FELTS et al., "NaG: A Sodium Channel-Like mRNA Shared By Schwann Cells And Other Neural Crest Derivatives", GLIA, Wiley-Liss, Inc., Vol. 21:269-276, (1997)	
TNT	A10 ✓	FELTS et al., "Sodium Channel α -Subunit mRNAs I, II, III, NaG, Na6 And hNE (PN1): Different Expression Patterns In Developing Rat Nervous System", Molecular Brain Research, Elsevier Science B.V., Vol. 45:71-82, (1997)	
TNT	A11 ✓	"Continuous Cultures Of Fused Cells Secreting Antibody Of Predefined Specificity", Nature, Vol. 256:495-497, (1975)	

Examiner Signature		Date Considered	9/10/03
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TNT	A12	✓ KOZBOR et al., "The Production Of Monoclonal Antibodies From Human Lymphocytes", Immunology Today, Elsevier Biomedical Press, Vol. 4(3):72-79, (1983)	
TNT	A13	✓ COLE et al., "The EBV-Hybridoma Technique And Its Application To Human Lung Cancer", Monoclonal Antibodies And Cancer Therapy, Department of Microbiology & Immunology Queen's University, Alan R. Liss, Inc., pp. 77-96, (1985)	
TNT	A14	✓ PIETRI-ROUXEL et al., "The Biochemical Effect Of The Naturally Occurring Trp64→Arg Mutation On Human β3-Adrenoceptor Activity", Eur. J. Biochem., FEBS, Vol. 247:1174-1179, (1997)	
TNT	A15	✓ YAGI, et al., "A Novel Negative Selection For Homologous Recombinants Using Diphtheria Toxin A Fragment Gene", Analytical Biochemistry, Academic Press, Inc., Vol. 214:77-86, (1993)	
TNT	A16	✓ SHINTANI et al., "Neurons As Well As Astrocytes Express Proteoglycan-Type Protein Tyrosine Phosphatase C/RPTPβ: Analysis of Mice In Which the PTPC/RPTPβ Gene Was Replaced With The LacZ Gene", Neuroscience Letters, Elsevier Science Ireland Ltd., Vol. 247:135-138, (1998)	
TNT	A17	✓ KNITTLE et al., "Immunolocalization Of The Mnav2.3 Na+ Channel In Mouse Heart: Upregulation In Myometrium During Pregnancy", The American Physiological Society, pp. C688-C696, (1996)	
DUPLICATE	A18	✓ JOHNSON et al., "Sensory Circumventricular Organs And Brain Homeostatic Pathways, The FASEB Journal, Vol. 7:678-686, (1993)"	
TNT	A19	✓ CH. PILGRIM, "Transport Function Of Hypothalamic Tanycyt Ependyma: How Good Is The Evidence", Neuroscience, Vol. 3:277-283, (1978)	
TNT	A20	✓ HATTON, "Pituicytes, Glia And Control Of Terminal Secretion", J. exp. Biol., Vol. 139:67-79, (1988)	
TNT	A21	✓ BOURQUE et al., "Osmoreceptors In The Central Nervous System", Annu. Rev. Physiol., Vol. 59:601-619, (1997)	
TNT	A22	FITZSIMONS, "Angiotensin, Thirst, And Sodium Appetite", Physiological Reviews, Vol. 78(3):583-686, (1998)	

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		Filing Date	August 3, 2001
		First Named Inventor	Masaharu NODA et al.
		Group Art Unit	Unassigned 1632
		Examiner Name	Unassigned
		Attorney Docket Number	Unassigned
Sheet	3	of	3

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TNT	A23	ANDERSSON, "Regulation of Water Intake", Physiological Reviews, Vol. 58(3):582-603, (1978)	
TNT	A24	JOHNSON et al., "The Extended Amygdala And Salt Appetite", Annals New York Academy of Sciences, Vol. 877:258-280, (1999)	
TNT	A25 ✓	DAVIS et al., Basic Methods in Molecular biology, (1986)	
DUPLICATE	A26	SAMBROOK et al., Molecular Cloning: A Laboratory Manual, 2nd Ed., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y., (1989)	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2
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Complete if Known

Application Number	09/920,653
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Filing Date	August 3, 2001
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First Named Inventor	Masaharu NODA et al.
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Group Art Unit	1362 1632
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Examiner Name	Not Yet Assigned
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Attorney Docket Number | **31671-173164**

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

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Application Number	09/920,653
Filing Date	August 3, 2001
First Named Inventor	Masaharu NODA et al.
Group Art Unit	1362 / 1632
Examiner Name	Not Yet Assigned
Attorney Docket Number	31671-173164

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TNT	AB	✓ JOSEPH SAMBROOK et al., <u>Molecular Cloning: A Laboratory Manual</u> , 1989, 3 rd Ed., Vols. 1-3, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y.	
TNT	AC	✓ M. RENGANATHAN et al., "α-SNS Produces, the Slow TTX-Resistant Sodium Current in Large Cutaneous Afferent DRG Neurons". <u>J. Neurophysiol.</u> , 2000, pp. 710-718, Vol. 84	
TNT	AD	✓ MIREK JURZAK et al., "Primary Culture Of Circumventricular Organs From the Rat Brain Lamina Terminals", <u>Brain Research</u> , 1994, Vol. 662, pp.198-208	
DUPLICATE	AE	LEONARD DAVIS et al., <u>Basic Methods in Molecular Biology</u>, 1986, Elsevier Science Publishing, Inc., New York, New York	

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Sheet 2 of 2

Complete if Known

Application Number	09/920,653
Filing Date	May 6, 2003
First Named Inventor	Masaharu NODA et al.
Group Art Unit	1645 1632
Examiner Name	Thaia N. TON
Attorney Docket Number	31671-173164

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TNT	✓	Antonio Felipe et al., "Primary Structure and Differential Expression During Development and Pregnancy of a Novel Voltage-gated Sodium Channel in the Mouse", Journal of Biological Chemistry, Vol. 269, No. 48, 1994, pages 30125-30131	
TNT	✓	A. N. Akopian et al., "Structure and Distribution of a Broadly Expressed Atypical Sodium Channel", Febs Letters, Elsevier Science Publishers, Amsterdam, NL, Vol. 400, No. 2, 3 January 1997 (1997-01-03), pages 183-187	
TNT	✓	Stephen J. Quinn et al., "Sodium and Ionic Strength Sensing by the Calcium Receptor", Journal of Biological Chemistry, Vol. 273, No. 31, 31 July 1998, pages 19579-19586	
TNT	✓	Eiji Watanabe et al., "Nav2/NaG Channel is Involved in Control of Salt-intake Behavior in the CNS", Journal of Neuroscience, vol. 20, no. 20, 15 October 2000, pages 7743-7751	

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